NATIONAL ACADEMIES Sciences Engineering Medicine

SOCIETAL EXPERTS ACTION NETWORK (SEAN) AND BOARD ON HUMAN SYSTEMS INTEGRATION (BOHSI)

Navigating the AI Landscape: Strategies for State and Local Leaders

Tuesday 9 April 2024, 3:00 PM – 4:00 PM ET

Purpose

The growth of artificial intelligence (AI) technologies/systems has significant implications for state and local decision-makers, who need to consider their roles as regulators and users of this technology. For state and local decision-makers, embracing this innovation comes with the responsibility to balance ethical considerations, public trust, and the equitable distribution of benefits. Many state legislatures and local authorities have started introducing various AI bills and policies, ranging from exploring ways that AI can enhance constituent services to some temporarily banning its use. This webinar will focus on AI's impact on state and local governance, focusing on opportunities, challenges, and the need for informed decision-making in the age of artificial intelligence.

3:00–3:05 pm **Welcome and Introductions**
Nathan McNeese, Clemson University

3:05–3:35 pm **Stage Setting**
Heng Xu, University of Florida
Rayid Ghani, Carnegie Mellon University
Santiago Garces, City of Boston

3:35–3:58 pm **Moderated Discussion**

3:58–4:00 pm **Closing Reflections**
Nathan McNeese, Clemson University

PANELIST BIOGRAPHIES

Santiago Garces: Santiago "Santi" Garces, driven by early experiences in his native Bogotá, Colombia, has dedicated his career to optimizing government efficiency and effectiveness. As the Chief Information Officer (CIO) for the City of Boston, he leads the Department of Innovation and Technology (DoIT), striving to make it an engine of transformation by employing data science and human-centered design. With a robust history in civic tech roles, including pivotal CIO positions in South Bend and Pittsburgh, Santi has won the Bloomberg's Mayor Innovation project for the Commuter's Trust and has played an instrumental role in citywide technological advancements. A multilingual and a tech-savvy innovator, Santi has also co-founded a nonprofit, enFocus, aimed at creating innovative solutions for government and industry. His leadership, spanning planning, sustainability, and technological infrastructure, continues to shape the cities he serves towards a more efficient, inclusive, and technologically advanced future.

Rayid Ghani: Rayid Ghani is a Professor in Machine Learning and Public Policy at Carnegie Mellon University focused on developing and using AI/Machine Learning/Data Science to help tackle large public policy and societal challenges in a fair and equitable manner. Among other areas, Rayid works with governments and non-profits across health, criminal justice, education, public safety, and economic development, supports them in developing AI governance policies, and conducts research in Human-AI interaction and bias and fairness issues for ML systems. Before joining Carnegie Mellon University, Rayid was the Founding Director of the Center for Data Science & Public Policy, Research Associate Professor in Computer Science, and a Senior Fellow at the Harris School of Public Policy at the University of Chicago. Previously, Rayid was the Chief Scientist of the Obama 2012 Election Campaign.

Nathan J. McNeese: Dr. Nathan J. McNeese is the McQueen Quattlebaum Endowed Associate Professor of Human-Centered Computing, the Founding Director of the Clemson University Center for Human-AI Interaction, Collaboration, & Teaming, and the Founding Director of the Team Research Analytics in Computational Environments (TRACE) Research Group in the School of Computing at Clemson University. Dr. McNeese held the College of Engineering, Computing and Applied Sciences Dean's Professorship at Clemson prior to his current endowed appointment. He received a PhD in Information Sciences & Technology from The Pennsylvania State University. His area of expertise is in human-autonomy/AI teaming and human-centered AI. For over a decade, Dr. McNeese has helped to pioneer the field of human-autonomy/AI teaming. Dr. McNeese has been a principal investigator or co-principal investigator for more than 30 research grants and awards, generating more than $39 million in funding. In 2023, he received the prestigious NSF CAREER Award. He is a National Academy of Science, Engineering, and Medicine (NASEM) board member on the Board of Human Systems Integration (BOSHI). He is also the recipient of the Clemson University Researcher of the Year, the HFES William C. Howell Young Investigator Award, and The Pennsylvania State University College of Information Sciences & Technology Overall Outstanding Alumni Award among additional significant honors. His research has received multiple best paper awards/nominations (9 total) and has been published in top peer-reviewed human-computer interaction and human factors venues over 150 times.

Heng Xu: Dr. Heng Xu is a professor in the Warrington College of Business at the University of Florida, where she also directs the Center for AI Ethics, Cyber Governance and Privacy Management. Her research focuses on data privacy, digital ethics, and fairness in machine learning. Her interdisciplinary work has been published across various fields such as Business, Computer Science, Law, and Psychology. Before joining the University of Florida, she had a mix of academic and government background, serving as a faculty member at Penn State and American University, as well as being a program director at the National Science Foundation. She has also served on a broad spectrum of national leadership committees including co-chairing the Federal Privacy R&D Inter-agency Working Group in 2016 and serving on the National Privacy Research Strategy Working Group in 2014-2016.